

Substitute Form PTO-1449

(Modified)

U.S. Department of Commerce
Patent and Trademark Office

Attorney's Docket No.

12732-070001

Application No.

09/931,061

**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

(37 CFR 1.98(b))

Applicant

Jun Koyama et al.

Filing Date

August 17, 2001

Group Art Unit

2674

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
R	AA	2002/0036604	08/02/2001	YAMAZAKI et al.			
	AB	2002/0039087	04/04/2002	INUKAI			
	AC	2002/0057244	05/16/2002	KOYAMA			
	AD	2002/0089483	07/11/2002	YAMAZAKI et al.			
	AE	2004/0183766	09/23/2004	KOYAMA			
	AF	2004/0222955	11/11/2004	KOYAMA			
	AG	5,339,090	08/16/1994	CROSSLAND et al.			
	AH	5,959,598	09/28/1999	McKNIGHT			
	AI	6,333,737	12/25/2001	NAKAJIMA			
	AJ	6,731,264	05/04/2004	KOYAMA et al.			
	AK	6,747,623	06/08/2004	KOYAMA			

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
R	AQ	Office Action (U.S. Application Serial No. 09/919,832), September 8, 2004, 11 pages.
	AR	Office Action (U.S. Application Serial No. 09/923,433), July 28, 2004, 9 pages.
	AS	Office Action (U.S. Application Serial No. 09/930,956), November 4, 2003, 17 pages.
	AT	Office Action (U.S. Application Serial No. 09/930,956), April 19, 2004, 17 pages.
R	AU	Office Action (U.S. Application Serial No. 09/930,956), October 28, 2004, 17 pages.

Examiner Signature

R


Date Considered

3/16/05

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

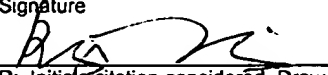
Substitute Form PTO-1449 (Modified) JC99 JAN 03 2005 PATENT & TRADEMARK OFFICE (37 CFR § 1.88(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 12732-070001	Application No. 09/931,061
	Information Disclosure Statement by Applicant (Use several sheets if necessary)			
	Applicant Jun Koyama et al.		Filing Date August 17, 2001	Group Art Unit 2674

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
D.L.	AA	2001/0005193	06/28/2001	YOKOYAMA			
	AB	2002/0003521	01/10/2002	MATSUEDA et al.			
	AC	2002/0024054	02/28/2002	KOYAMA et al.			
	AD	2002/0036604	03/28/2002	YAMAZAKI et al.			
	AE	2002/0041266	04/11/2002	KOYAMA et al.			
	AF	2002/0113763	08/22/2002	KOYAMA			
	AG	2003/0071772	04/17/2003	KIMURA			
	AH	4,432,610	02/21/1984	KOBAYASHI et al.			
	AI	4,752,118	06/21/1988	JOHNSON			
	AJ	4,773,738	09/27/1988	HAYAKAWA et al.			
	AK	4,996,523	02/26/1991	BELL et al.			
	AL	5,091,722	02/25/1992	KITAJIMA et al.			
	AM	5,200,846	04/06/1993	HIROKI et al.			
	AN	5,225,823	07/06/1993	KANALY			
	AO	5,247,190	09/21/1993	FRIEND et al.			
	AP	5,349,366	09/20/1994	YAMAZAKI et al.			
	AQ	5,424,752	06/13/1995	YAMAZAKI et al.			
	AR	5,471,225	11/28/1995	PARKS			
	AS	5,479,283	12/26/1995	KANEKO et al.			
	AT	5,600,169	02/04/1997	BURGENER et al.			
D.L.	AU	5,642,129	06/24/1997	ZAVRACKY et al.			
	AV	5,699,078	12/16/1997	YAMAZAKI et al.			
	AW	5,771,031	06/23/1998	KINOSHITA et al.			
	AX	5,793,344	08/11/1998	KOYAMA			
	AY	5,798,746	08/25/1998	KOYAMA			
	AZ	5,907,313	05/25/1999	KUBOTA et al.			
	BA	5,945,866	08/31/1999	FONASH et al.			

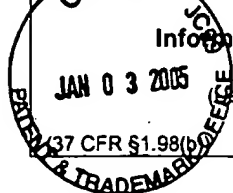
Examiner Signature 	Date Considered 3/16/05
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified) JAN 03 2005 U.S. DEPT. OF COMMERCE PATENT & TRADEMARK OFFICE (37 CFR 1.102(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 12732-070001	Application No. 09/931,061
	Information Disclosure Statement by Applicant (Use several sheets if necessary)			
	Applicant Jun Koyama et al.		Filing Date August 17, 2001	Group Art Unit 2674

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
Rn	BB	5,945,972	08/31/1999	OKUMURA et al.			
	BC	5,990,629	11/23/1999	YAMADA et al.			
	BD	6,115,019	09/05/2000	PERNER			
	BE	6,165,824	12/26/2000	TAKANO et al.			
	BF	6,246,386	06/12/2001	PERNER			
	BG	6,259,846	07/10/2001	ROACH et al.			
	BH	6,274,887	08/14/2001	YAMAZAKI et al.			
	BI	6,344,843	02/05/2002	KOYAMA et al.			
	BJ	6,356,028	03/12/2002	LEGAGNEUX et al.			
	BK	6,366,026	04/02/2002	SAITO et al.			
	BL	6,384,818	05/07/2002	YAMAZAKI et al.			
	BM	6,392,618	05/21/2002	KIMURA			
	BN	6,441,829	08/27/2002	BLALOCK et al.			
	BO	6,456,267	09/24/2002	SATO et al.			
	BP	6,535,192	03/18/2003	SUNG et al.			
	BQ	6,545,654	04/08/2003	JACOBSEN et al.			
	BR	6,549,196	04/15/2003	TAGUCHI et al.			
	BS	6,556,176	04/29/2003	OKUYAMA et al.			
	BT	6,563,480	05/13/2003	NAKAMURA			
	BU	6,630,916	10/07/2003	SHINODA			
Rn	BV	6,636,194	10/21/2003	ISHII			
	BW	6,670,938	12/30/2003	YOSHIDA			
	BX	6,738,054	05/18/2004	YAMAGUCHI			
	BY	6,750,836	06/15/2004	KATAYAMA et al.			
	BZ	6,765,562	07/20/2004	YAMAZAKI et al.			
	CA	6,774,876	08/10/2004	INUKAI			

Examiner Signature 	Date Considered 3/16/05
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Revised 1/01)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-070001	Application No. 09/931,061
Information Disclosure Statement by Applicant (Use several sheets if necessary)		Applicant Jun Koyama et al.	
		Filing Date August 17, 2001	Group Art Unit 2674



Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
A.V.	CB	EP0 999 595	05/10/2000	EUROPE			In English	
	CC	EP1 098 290	05/09/2001	EUROPE			In English	
	CD	EP1 182 638	02/27/2002	EUROPE			In English	
	CE	JP04-350627	12/04/1992	JAPAN			Full	
	CF	JP06-102530	04/15/1994	JAPAN			Full	
	CG	JP08-101669	04/16/1996	JAPAN			Abstract	
	CH	JP08-194205	07/30/1996	JAPAN			Full	
	CI	JP08-286170	11/01/1996	JAPAN			Abstract	
	CJ	JP10-092576	04/10/1998	JAPAN			Abstract	
	CK	JP10-214060	08/11/1998	JAPAN			Abstract	
	CL	JP10-232649	09/02/1998	JAPAN			Abstract	
	CM	JP10-247735	09/14/1998	JAPAN			Abstract	
	CN	JP10-253941	09/25/1998	JAPAN			Abstract	
	CO	JP10-312173	11/24/1998	JAPAN			Full	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
A.V.	CP	Koyama et al., "A 4.0-in Poly Si TFT-LCD with Integrated 6-bit Digital Data Driver Using CGS Technology," 1999 International Workshop on Active-Matrix Liquid-Crystal Displays; Digest of Technical Papers; AM-LCD 99, July 14-16, 1999; pgs. 29-32.
	CQ	H. Schenk et al., "Polymers for Light Emitting Diodes," EuroDisplay '99, 19 th International Display Research Conference, September 6-9, 1999, pp. 33-37.
	CR	Baldo et al., "Highly efficient phosphorescent emission from organic electroluminescent devices," Nature, Vol. 395, September 10, 1998, pp. 151-154.
	CS	Baldo et al., "Very high-efficiency green organic light-emitting devices based on electrophosphorescence," Applied Physics Letters, Vol. 75, No. 1, July 5, 1999, pp. 4-6.
	CT	Tsutsui et al., "High Quantum Efficiency in Organic Light-Emitting Devices with Iridium-Complex as a Triplet Emissive Center," Japan Journal of Applied Physics, Vol. 38, part 2, No. 12B, December 15, 1999, pp. L1502-L1504.
A.V.	CU	Tsutsui et al., "Electroluminescence in Organic Thin Films," Photochemical Processes in Organized Molecular Systems; Proceedings of the Memorial Conference for the Late Professor Shigeo Tazuke, September 22, 1990, pp. 437-450.

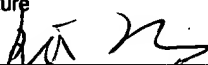
Examiner Signature 	Date Considered 3/16/05
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified) DEC 10 2004 PATENT & TRADEMARK OFFICE (37 CFR § 1.98(b))	U.S. Department of Commerce Patent and Trademark Office		Attorney's Docket No. 12732-070001	Application No. 09/931,061
	Information Disclosure Statement by Applicant (Use several sheets if necessary)			
	Applicant Jun Koyama et al.		Filing Date August 17, 2001	Group Art Unit 2674

U.S. Patent Documents							
Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date- If Appropriate
Pr	AA	2002/0018029 A1	02/14/2002	Koyama			07/26/2001
	AB	2002/0021295 A1	02/21/2002	Koyama et al.			08/17/2001
	AC	2002/0021274 A1	02/21/2002	Koyama et al.			08/08/2001
Pr	AD	2002/0024485 A1	02/28/2002	Koyama			07/30/2001
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

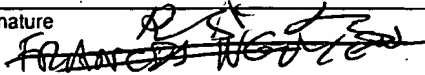
Examiner Signature 	Date Considered 3/16/05
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified) Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-070001	Application No. 09/931,061
	Applicant Jun Koyama et al.		
	Filing Date August 17, 2001	Group Art Unit 2811 2674	

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
RAK	AA	5,712,652	01/27/1998	Sato et al.	345	90	02/16/1996
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
RAK	AL	8-286170	11/01/1996	Japan Japan	G02F	1/133	Abs	
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AQ	
	AR	
	AS	
	AT	

Examiner Signature 	Date Considered 2/6/05 3/16/05
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12732-070001	Application No. Unassigned
		Applicant Jun Koyama et al.	
		Filing Date August 17, 2001	Group Art Unit Unknown <u>2674</u>

Information Disclosure Statement-
by Applicant
(Use several sheets if necessary)

(37 CFR §1.98(b))

11036 U.S. PTO
09/931061
08/17/01

U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

Foreign Patent Documents or Published Foreign Patent Applications								
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AL	08-101609	04/16/1996	Japan			Partial	
	AM							
	AN							
	AO							
	AP							

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
<u>RA</u>	AQ	T. Shimoda et al.; "Current Status and Future of Light-Emitting Polymer Display Driven by Poly-Si TFT"; <u>SID 99 Digest</u> ; pp. 372-375; 1999
<u>RA</u>	AR	T. Shimoda et al.; "High Resolution Light Emitting Polymer Display Device Driven by Low Temperature Polysilicon Thin Film Transistor with Integrated Driver"; <u>ASIA Display 98</u> ; pp. 217-220; 1998
<u>RA</u>	AS	C. W. Han et al.; "Green OLED with Low Temperature Poly Si TFT"; <u>EuroDisplay '99 Late-news papers</u> ; pp. 27-30; September 6-9, 1999
	AT	

Examiner Signature <u>PAUL J. HANSEN</u>	Date Considered <u>2/6/01</u> 3/16/01
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	